THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Group Art Unit: 1631

Examiner: Brusca, J. $\omega/\rho.o.A$

In re the application of: Kenneth Jacobs et al.

Serial No.: 09/306,111

Filed: May 6, 1999

For: Secreted Proteins and Polynucleotides Encoding

Them

Attorney Docket No.: GIN-029CP (formerly GI6069-74A)

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JOVEMBER 5

Date of Signature and of Mail Deposit

By: Dobra J. Milasincio

Reg. No. 46,931 **Attorney for Applicant**

REVOCATION OF PRIOR POWERS OF ATTORNEY AND APPOINTMENT OF NEW POWER OF ATTORNEY

Dear Sir:

GENETICS INSTITUTE, INC., the Assignee of the entire right, title and interest in the above-identified application by virtue an executed Assignment document for U.S. Serial No. 09/014,96 which is being submitted to the U.S. Patent and Trademark Office for recording on even date, hereby revokes all Powers of Attorney with respect to that application heretofore granted and appoints the below listed attorneys with full power of substitution and revocation to prosecute this application and to transact all business in the Patent Office connected therewith.

USSN 09/306,111 -2 - Art Unit: 1631

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Please send all correspondence relating to the above patent application to:

Amy E. Mandragouras LAHIVE & COCKFIELD, LLP 28 State Street Boston, MA 02109 (617) 227-7400

GENETICS INSTITUTE, INC.

Ву:	Babara a. Dyne
Typed l	Name: Barbara A. Gyure, Esq.
Title: _	Assistant Secretary, Genetics Institute, Inc.
Dated:	Dec. 29, 2000

ASSIGNMENT

We, Kenneth Jacobs of Newton, MA, John M. McCoy of Reading, MA, Edward R. LaVallie of Harvard, MA, Lisa A. Collins-Racie of Acton, MA, David Merberg of Acton, MA, Michael J. Agostino of Andover, MA, Robert J. Steininger, II of Cambridge, MA, Michael R. Bowman of Canton, MA, Elizabeth DiBlasio-Smith of Tyngsboro, MA, Angela Widom of Acton, MA, Cheryl Evans of Germantown, MD, and Maurice Treacy of Dublin, Ireland, in consideration of One Dollar and other valuable consideration paid to us by

Genetics Institute, Inc.

a corporation of Delaware, having its principal place of business at 87 CambridgePark Drive, Cambridge, Massachusetts 02140, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

Genetics Institute, Inc.

its successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in

SECRETED PROTEINS AND POLYNUCLEOTIDES ENCODING THEM

described in an application

- executed by us of even date herewith and about to be filed
- Serial No. 09/306,111, filed on May 6, 1999

in the United States Patent and Trademark Office, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said corporation and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said corporation, with specifications and claims in such form as shall be approved by the counsel of said corporation and to vest and confirm in said corporation, its successors and assigns, the legal title to all such patents.

And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

WITNESS my hand and seal this	99.
By: Kenneth Jacobs	harlis

State of Massachusetts County of Middlesex

Then personally appeared the above named Kenneth Jacobs and acknowledged the foregoing instrument to be his free act and deed, before me, this oday of september, 1999.

ALEXANDRIA M. L. WUDYKA Notary Public Commonwealth of Massachusetts My Commission Expires June 23, 2006

Notary Public

My commission expires: 2006

WITNESS my hand and seal this ______ day of ______, 1999

By: John M. McCox

State of Massachusetts

)ss

County of Mxdleux

Then personally appeared the above named John M. McCoy and acknowledged the foregoing instrument to be his free act and deed, before me, this day of ______, 1999.

ALEXANDRIA M. L. WUDYKA
Notary Public
Commonwealth of Massachusetts
My Commission Expires
June 23, 2006

Alexandria M.L. Wodylca. Notary Public

My commission expires: 33 Jun 200 6

_	
WITNESS my hand and seal this \(\frac{\mathcal{S}}{\tag{S}} \) day of \(\frac{\mathcal{S}}{\tag{S}} \)	September, 1999. By: Murand & La Valle
	Edward R. La Vallie
State of Massachusetts))ss	
County of Middlesser)	
Then personally appeared the above named Edward R. L instrument to be his free act and deed, before me, this day of	aVallie and acknowledged the foregoing of September, 1999.
ALEXANDRIA M. L. WUDYKA Notary Public Commonwealth of Massachusetts My Commission Expires June 23, 2006	Alexander W.C. Wodyka Notary Public
June 23, 2006	My commission expires: $23\sqrt{200}$
WITNESS my hand and seal this _\3 day of _	Seplember, 1999.
	By: A Callet) Rich
State of Massachusetts))ss County of Myddlesut)	
Then personally appeared the above named Lisa A. Collin instrument to be her free act and deed, before me, this 12	as-Racie and acknowledged the foregoing day of Sylumbuk, 1999.
ALEXAMONIACE WUDYKA Notary Public Bemmonwealth of Massachusetts 作,Commission Expires Using 23, 2006	Notary Public

My commission expires: 23 The XXX

WITNESS my hand and seal this day of Cotoker, 1999.
By: David Merberg

State of Massachusetts)
)ss
County of illidiant)

Then personally appeared the above named David Merberg and acknowledged the foregoing instrument to be his free act and deed, before me, this day of _______, 1999.

Notary Public MY COMMISSION EXPIRES OCTOBER 9, 2003

My commission expires:

WITNESS my hand and seal this	By: Michael J. Agosting
State of Massachusetts)	
County of Middlesey)	
Then personally appeared the above named Michael J. A instrument to be his free act and deed, before me, this day	Agostino and acknowledged the foregoing of Suplember 1999.
ALEXANDRIA M. L. WUDYKA Netery Public Commonwealth of Massachusetts My Commission Expires June 23, 2005	Notary Public My commission expires: 23 Ine 2006
WITNESS my hand and seal this 25th day of	Jovember, 1999.
	By: Steininger, II
State of Massachusetts) County of Middlesel)	

Then personally appeared the above named Robert J. Steininger, II, and acknowledged the foregoing instrument to be his free act and deed, before me, this day of <u>November</u>, 1999.

Notary Public

My commission expires: 11/25/2006

ROSEMARIE G. CURRIER NOTARY PUBLIC My Commission Expires Nov. 25, 2005

WITNESS my hand and seal this 14 day of September, 1999. State of Massachusetts M, DDlewy) County of Then personally appeared the above named Michael R. Bowman and acknowledged the foregoing instrument to be his free act and deed, before me, this \\day of \(\subseteq \text{Lay of } \). ALEXANDRIA M. L. WUDYKA

Notary Public

Commonwealth of Massachusetts

My Commission Expires

June 23, 2006 DOSAMORA M.L. WHYELL Notary Public Notary Public My commission expires: 23 The 2006 WITNESS my hand and seal this _____ day of _______, 1999. By: Elizabeth DiBlasio-Smith State of Massachusetts County of Middlesux

Hwealin of Massachusetts

Mexanioria M.L. wirdy For Notary Public

My commission expires: 23 The 2066

WITNESS my hand and seal this 15 day of 5 ftember, 1999.

State of Massachusetts

County of Wollser

Then personally appeared the above named Angela Widom and acknowledged the foregoing instrument to be her free act and deed, before me, this 15 day of Sephender, 1999.

> ALEXANDRIA IA L. WUDYKA
> Notary Public
> Commonwealth of Massachusetts My Commission Expires
> June 23, 2005

Mex Andrin W. L. Willy Kin Notary Public My commission expires: 23 June 2006

WITNESS my hand	and seal this day of,	, 1999.
	By: Cheryl Evans	
State of Maryland County of Montgomery))ss)	
Then personally appeared instrument to be her free act	the above named Cheryl Evans and acknowle and deed, before me, this 22 day of contact	dged the foregoing , 1999.
	Notary Public	blland.

My commission expires: 3112301

WITNESS my hand and seal this 24 day of Maurice Treacy

By: Maurice Treacy

State of

) ss

County of

Then personally appeared the above named Maurice Treacy and acknowledged the foregoing instrument to be her free act and deed, before me, this 24 day of 100 years, 1999.

Witness Netary Public

NAME 4 My commission expires:

ADDRESS: PAT VAUGHAN,

HIBCRGEN,

IDA BUSINESS PORK

Co WEKLOW

TRETAIND

BRAY,